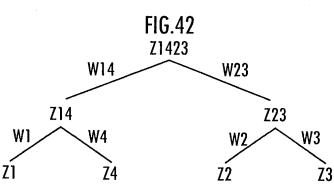


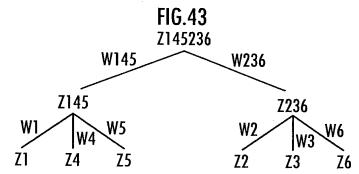
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Replacement Sheet

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Z14_with_bias = W1 • Z1_with_bias + W4 • Z4_with_bias
Z23_with_bias = W2 • Z2_with_bias + W3 • Z3_with_bias
Z1423_with_bias = W14 • Z14_with_bias + W23 • Z23_with_bias

Z1_rel = Z1_with_bias - Z14_with_bias
Z4_rel = Z4_with_bias - Z14_with_bias
Z2_rel = Z2_with_bias - Z23_with_bias
Z3_rel = Z3_with_bias - Z23_with_bias
Z14_rel = Z14_with_bias - Z1423_with_bias
Z23_rel = Z23_with_bias - Z1423_with_bias



 $Z145_with_bias = W1 \cdot Z1_with_bias + W4 \cdot Z4_with_bias + W5 \cdot Z5_with_bias \\ Z236_with_bias = W2 \cdot Z2_with_bias + W3 \cdot Z3_with_bias + W6 \cdot Z6_with_bias \\ Z145236_with_bias = W145 \cdot Z145_with_bias + W236 \cdot Z236_with_bias$

Z1_rel = Z1_with_bias - Z145_with_bias
Z4_rel = Z4_with_bias - Z145_with_bias
Z5_rel = Z5_with_bias - Z145_with_bias
Z2_rel = Z2_with_bias - Z236_with_bias
Z3_rel = Z3_with_bias - Z236_with_bias
Z6_rel = Z6_with_bias - Z236_with_bias
Z145_rel = Z145_with_bias - Z145236_with_bias
Z236_rel = Z236_with_bias - Z145236_with_bias

FIG.49

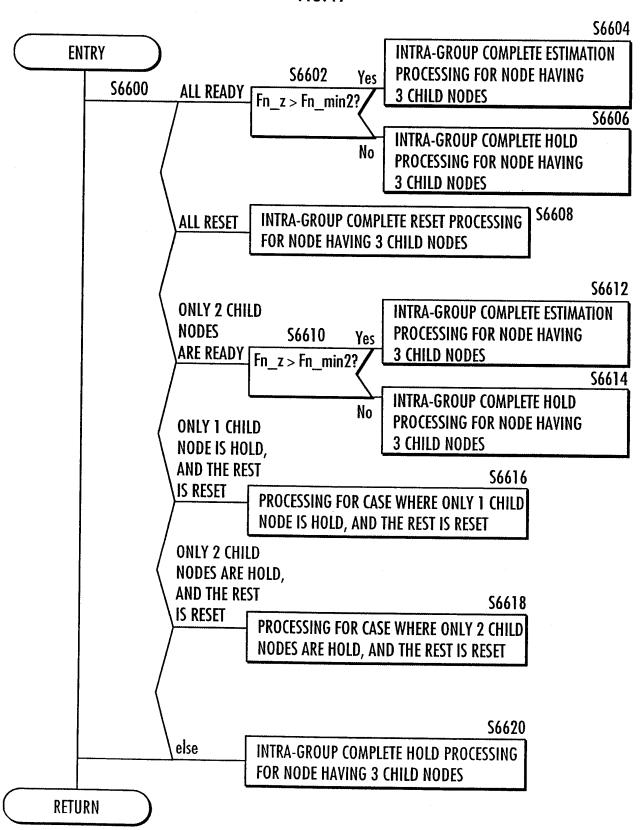
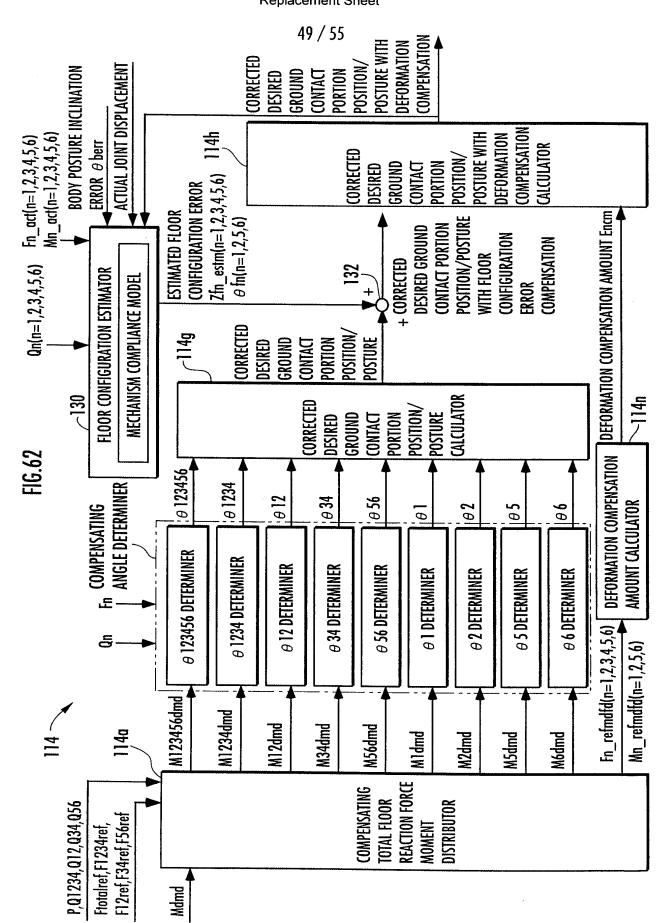
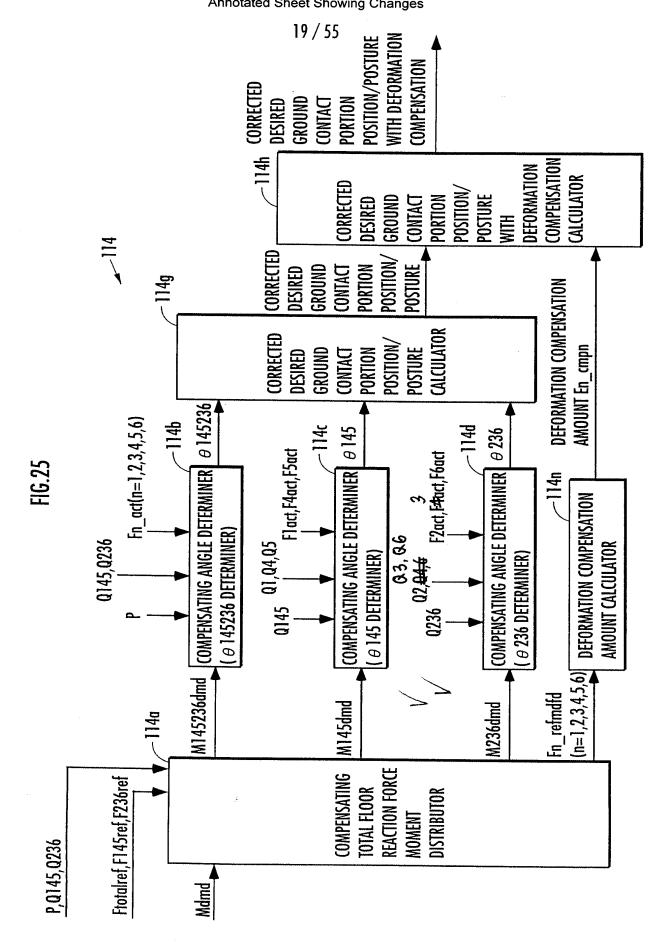
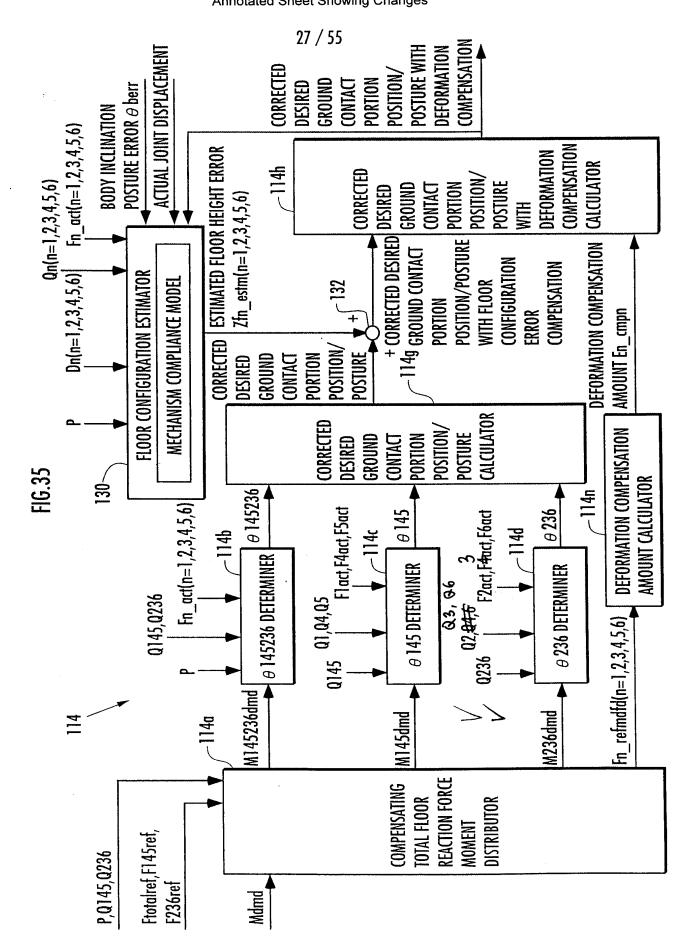


FIG.54

RETURN





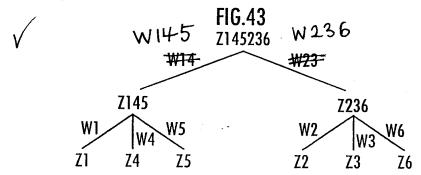


Appl. No. Not Yet Assigned National Stage of PCT Application No. PCT/JP2004/018072 Filed With Preliminary Amendment A Dated May 26, 2006 Page 3 of 6 Annotated Sheet Showing Changes

34 / 55 FIG.42 Z1423 W14 W23 Z14 W1 W4 W2 W3 Z1 Z2 Z3

Z14_with_bias = W1 • Z1_with_bias + W4 • Z4_with_bias
Z23_with_bias = W2 • Z2_with_bias + W3 • Z3_with_bias
Z1423_with_bias = W14 • Z14_with_bias + W23 • Z23 with_bias

Z1_rel = Z1_with_bias - Z14_with_bias
Z4_rel = Z4_with_bias - Z14_with_bias
Z2_rel = Z2_with_bias - Z23_with_bias
Z3_rel = Z3_with_bias - Z23_with_bias
Z14_rel = Z14_with_bias - Z1423_with_bias
Z23_rel = Z23_with_bias - Z1423_with_bias



 $Z145_with_bias = W1 \cdot Z1_with_bias + W4 \cdot Z4_with_bias + W5 \cdot Z5_with_bias$ $Z236_with_bias = W2 \cdot Z2_with_bias + W3 \cdot Z3_with_bias + W6 \cdot Z6_with_bias$ $Z145236_with_bias = W145 \cdot Z145_with_bias + W236 \cdot Z236_with_bias$

Z1_rel = Z1_with_bias - Z145_with_bias
Z4_rel = Z4_with_bias - Z145_with_bias
Z5_rel = Z5_with_bias - Z145_with_bias
Z2_rel = Z2_with_bias - Z236_with_bias
Z3_rel = Z3_with_bias - Z236_with_bias
Z6_rel = Z6_with_bias - Z236_with_bias
Z145_rel = Z145_with_bias - Z145236_with_bias
Z236_rel = Z236_with_bias - Z145236_with_bias

FIG.49

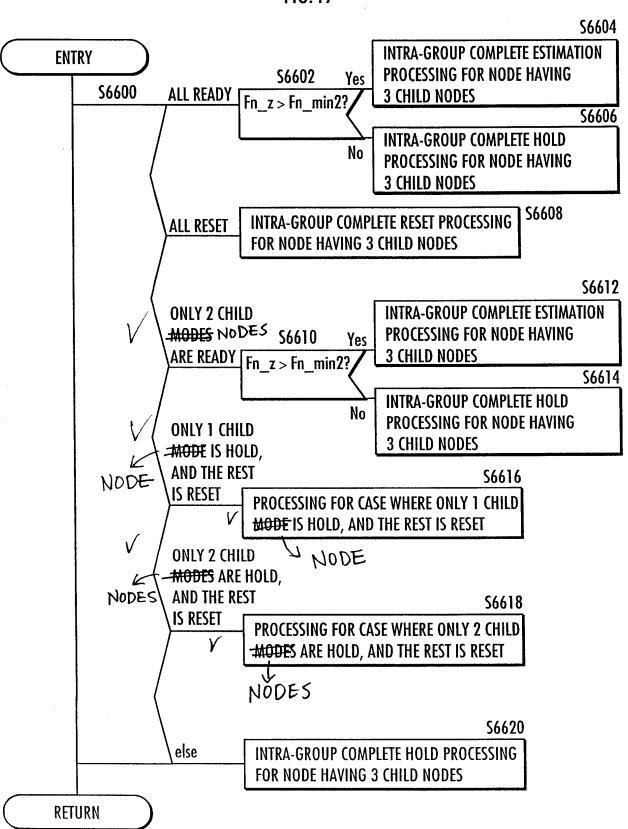


FIG.54

ENTRY

(\$6616)

$$Zi_rel_estm = 0$$

$$Zj_rel_estm = Zj_rel_estm_p + (0 - Zj_rel_estm_p)$$

 $* \Delta T/(Testm + \Delta T)$

$$Zk_rel_estm = Zk_rel_estm_p + (0 - Zk_rel_estm_p)$$

$$* \triangle T/\frac{+\triangle T}{(Tes+m + \Delta T)}$$

RETURN

